CELL / MODEL NAME	DESCRIPTION	DATE
GP-1	GP & E, one span, no skew	4/4/2005
GP-1L	GP & E, one span, ahead left skew	4/4/2005
GP-1R	GP & E, one span, ahead right skew	4/4/2005
GP-3	GP & E, three span, no skew	8/24/2005
GP-3L	GP & E, three span, ahead left skew	8/24/2005
GP-3R	GP & E, three span, ahead right skew	8/24/2005
GP-4	GP & E, four span, no skew	8/24/2005
GP-4L	GP & E, four span, ahead left skew	8/24/2005
GP-4R	GP & E, four span, ahead right skew	8/24/2005
GP-5	GP & E, five span, no skew	8/24/2005
GP-5L	GP & E, five span, ahead left skew	8/24/2005
GP-5R	GP & E, five span, ahead right skew	8/24/2005

B.M.-

Existing Structure-

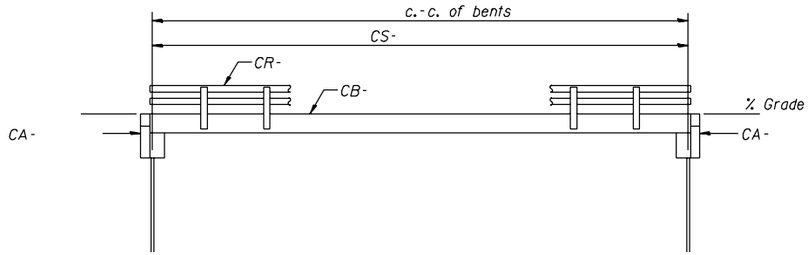
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

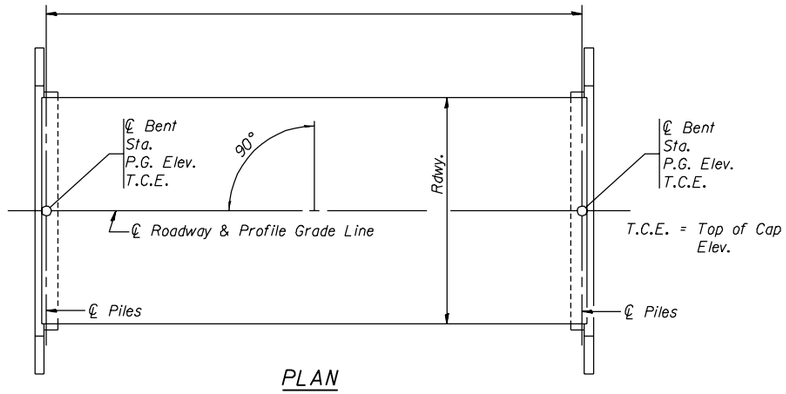
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. -

- SHEETS



ELEVATION



PLAN

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

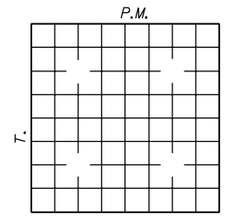
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

INDEX OF SHEETS

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
ROUTE
OVER
SECTION
COUNTY
STATION

GP-1 (04-04-05)

B.M.-

Existing Structure-

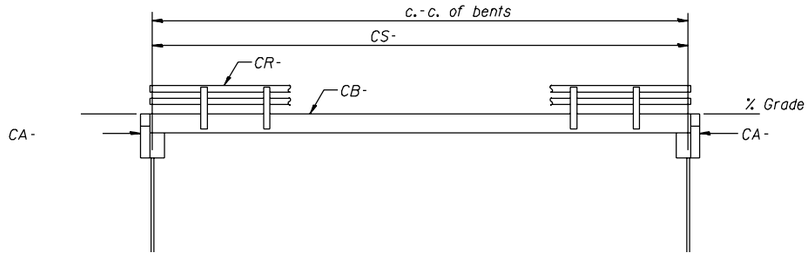
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

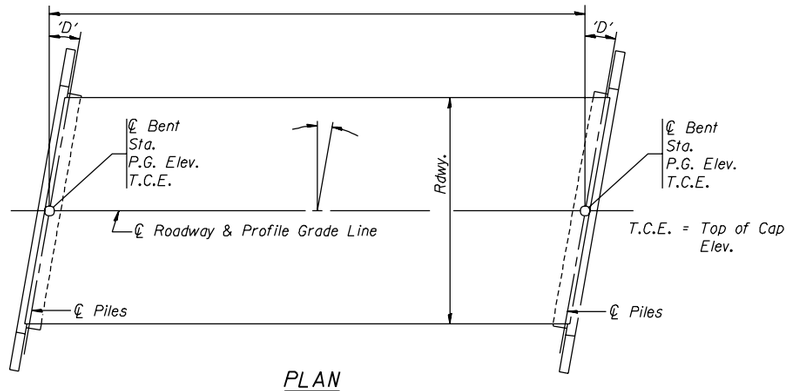
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -

- SHEETS



ELEVATION



PLAN

Skew Angle 'D'= Left Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

INDEX OF SHEETS

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

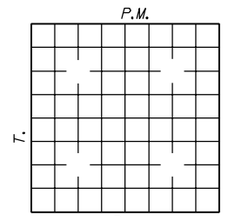
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
ROUTE
OVER
SECTION
COUNTY
STATION

GP-1L (04-04-05)

B.M.-

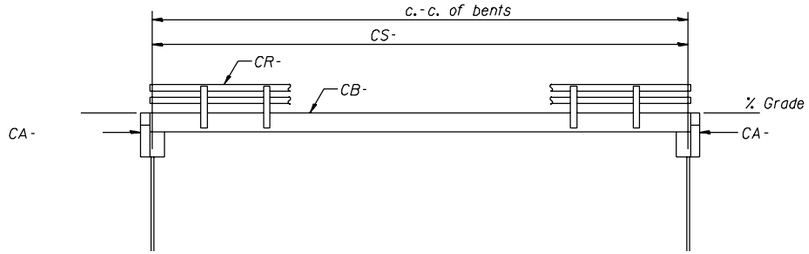
Existing Structure-

Salvage-

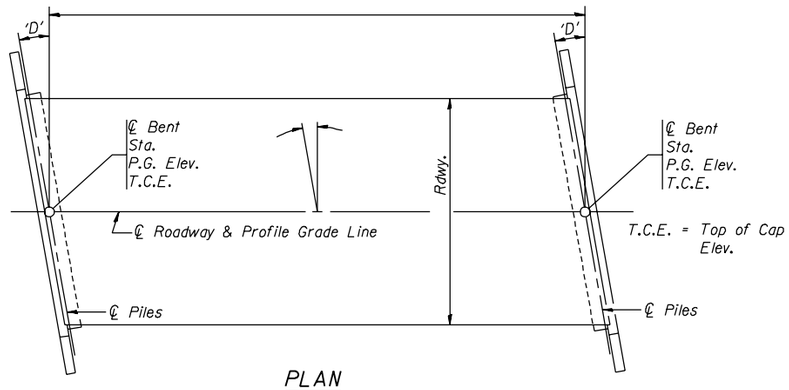
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -
- SHEETS



ELEVATION



PLAN

Skew Angle 'D'= Right Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

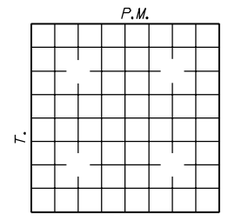
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

INDEX OF SHEETS

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
ROUTE
OVER
SECTION
COUNTY
STATION

GP-1R (04-04-05)

B.M.-

Existing Structure-

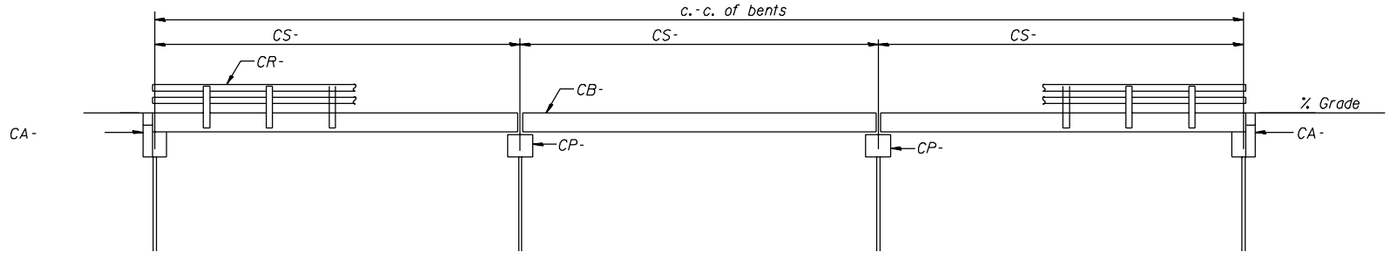
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

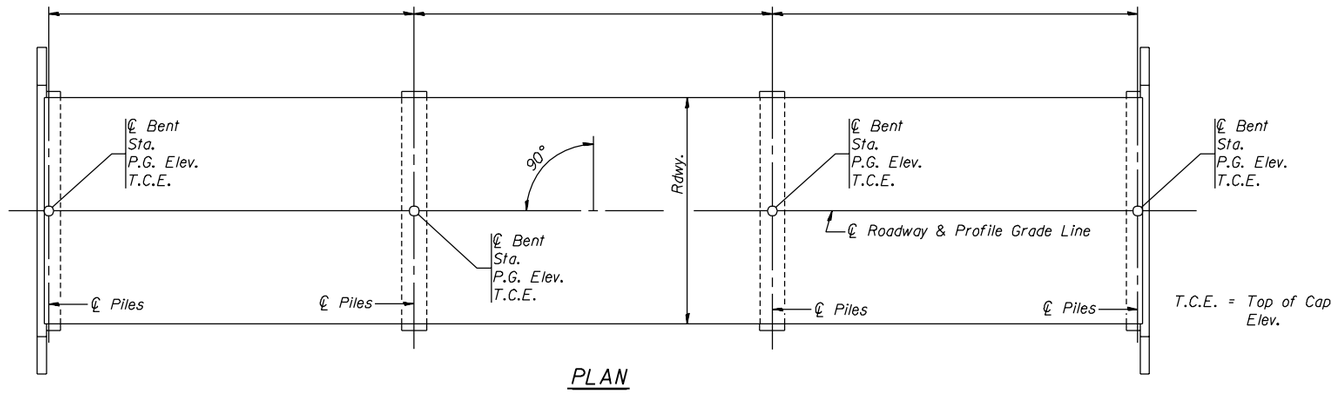
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -

- SHEETS



ELEVATION



PLAN

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (2-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

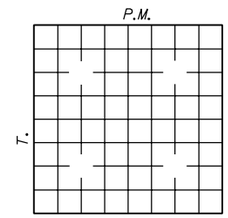
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

INDEX OF SHEETS

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
ROUTE
OVER
SECTION
COUNTY
STATION

GP-3 (08-24-05)

B.M.-

Existing Structure-

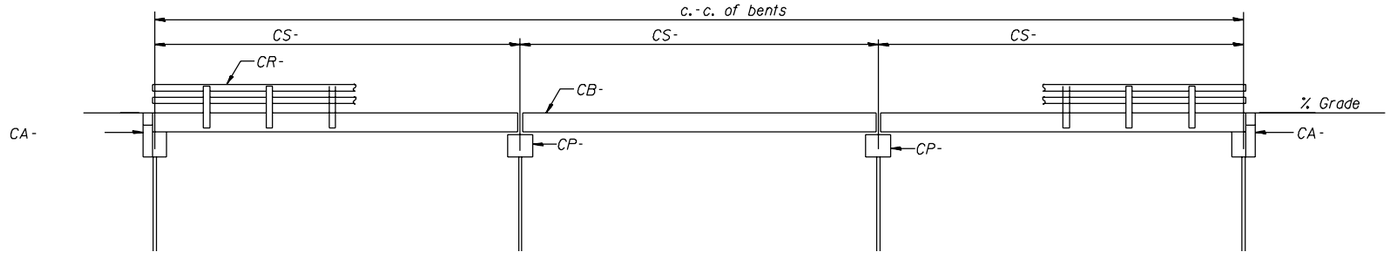
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

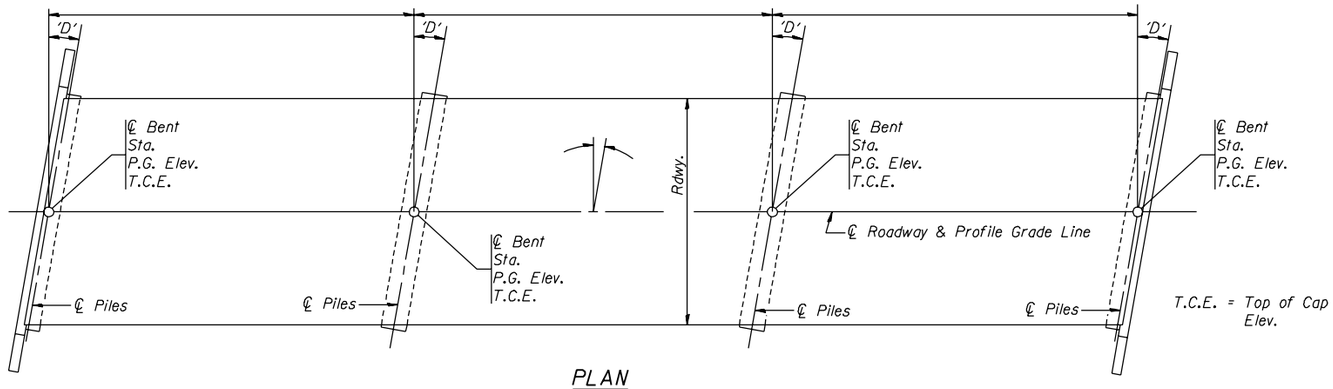
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -

- SHEETS



ELEVATION



T.C.E. = Top of Cap Elev.

PLAN

Skew Angle 'D'= Left Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (2-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

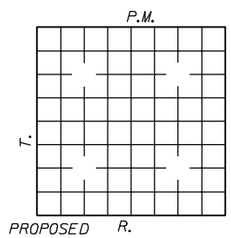
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

INDEX OF SHEETS

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

GENERAL PLAN & ELEVATION
ROUTE
OVER
SECTION
COUNTY
STATION

GP-3L (08-24-05)

B.M.-

Existing Structure-

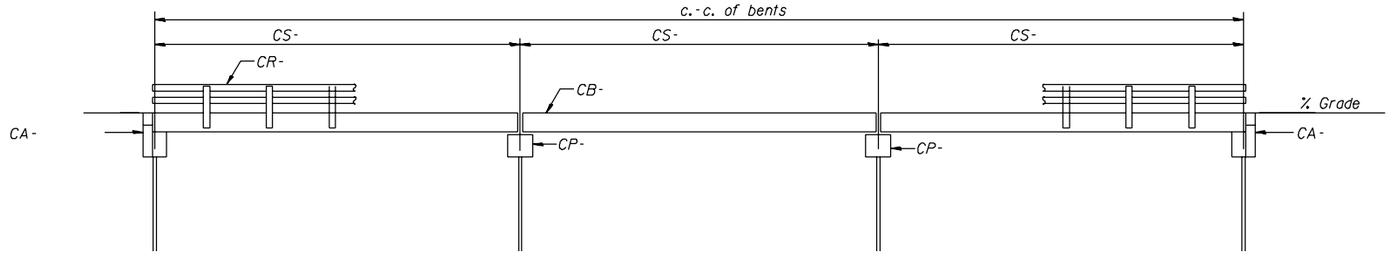
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

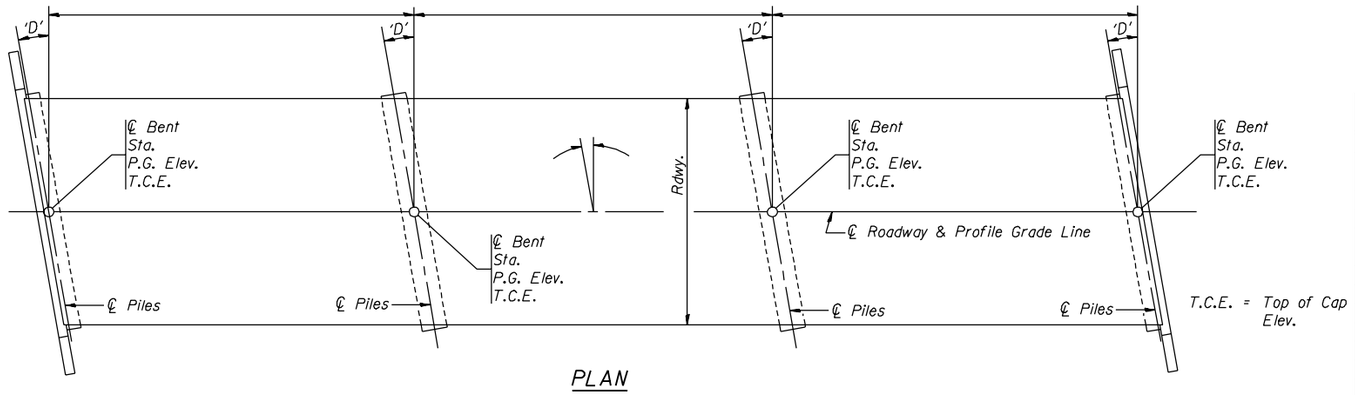
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-				
-	-	-		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. -

- SHEETS



ELEVATION



PLAN

Skew Angle 'D'= Right Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (2-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

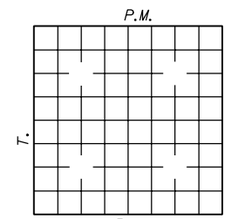
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

INDEX OF SHEETS

GENERAL PLAN & ELEVATION

ROUTE

OVER

SECTION

COUNTY

STATION

GP-3R (08-24-05)

B.M.-

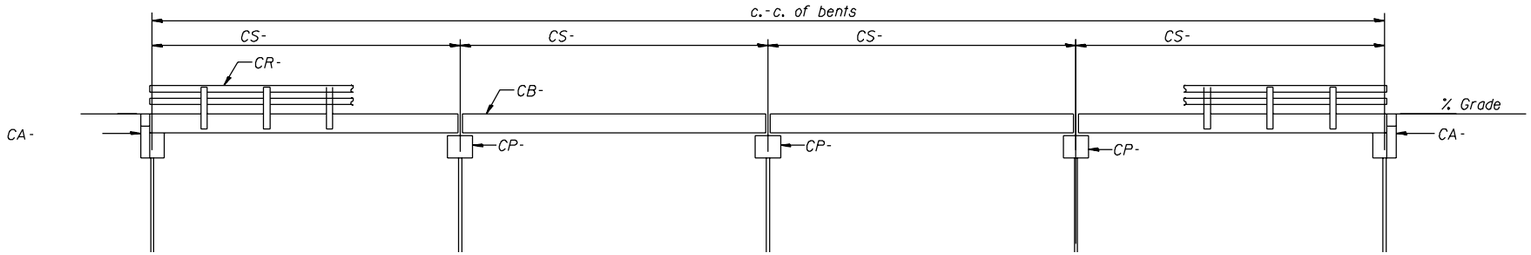
Existing Structure-

Salvage-

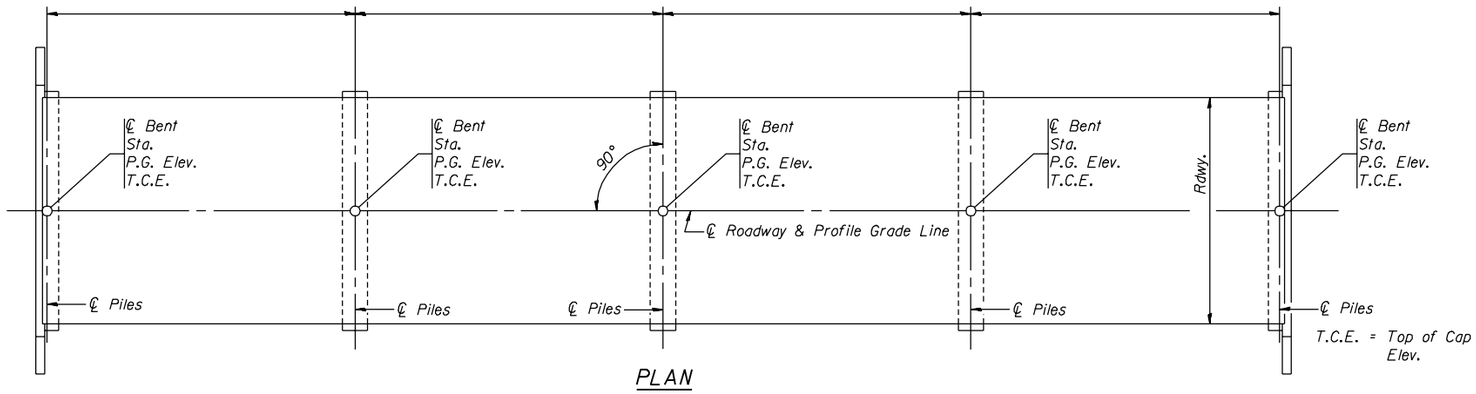
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -
- SHEETS



ELEVATION



PLAN

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (3-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

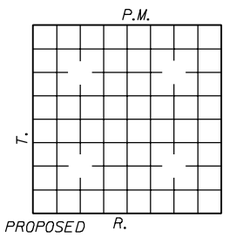
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GP-4 (08-24-05)

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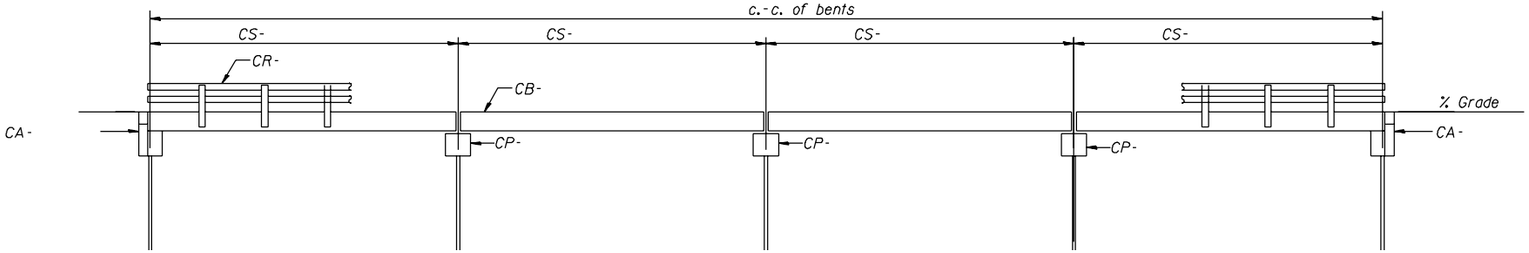
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

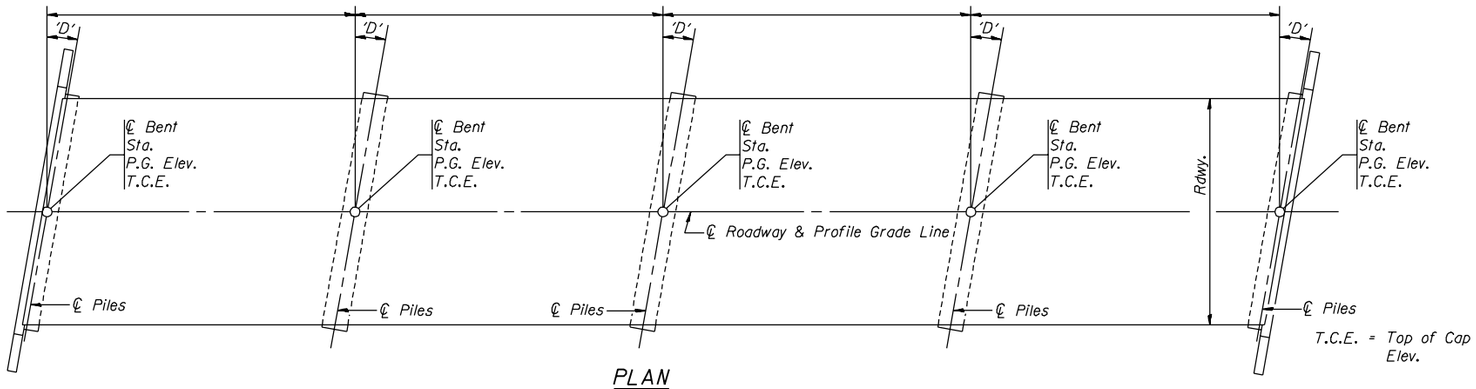
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. -

- SHEETS



ELEVATION



T.C.E. = Top of Cap Elev.

PLAN

Skew Angle 'D'= Left Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (3-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

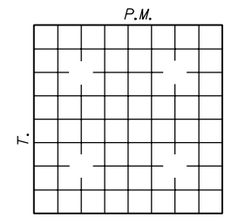
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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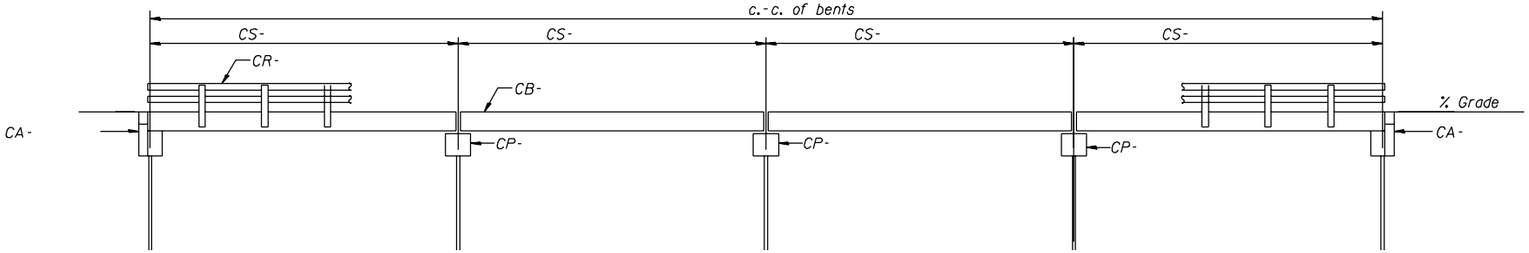
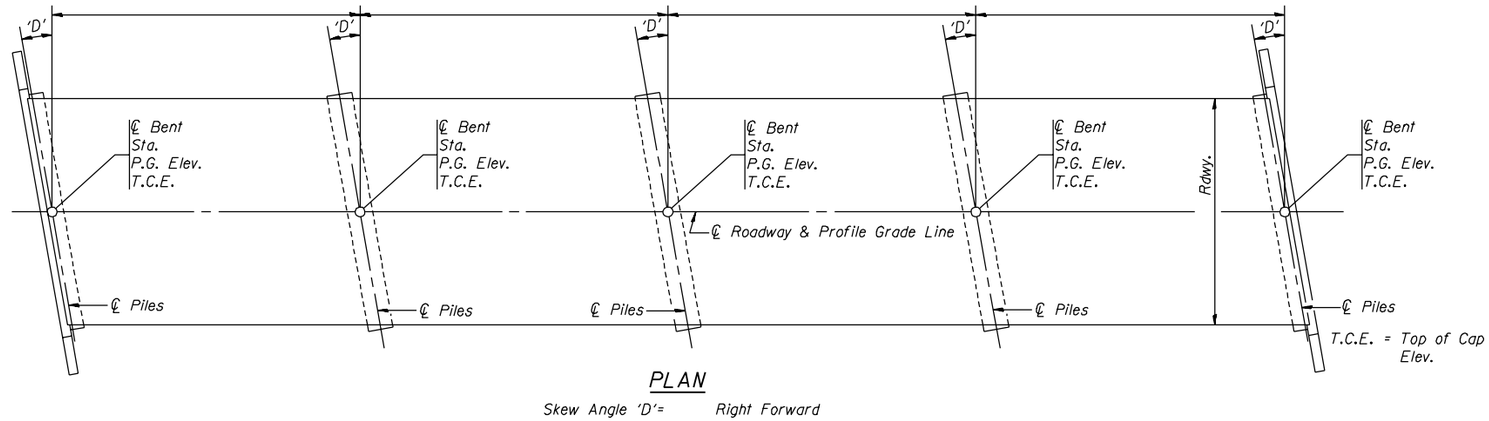
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. -
- SHEETS



ELEVATION



PLAN

Skew Angle 'D'= Right Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (3-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

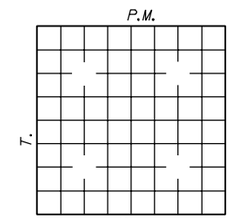
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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B.M.-

Existing Structure-

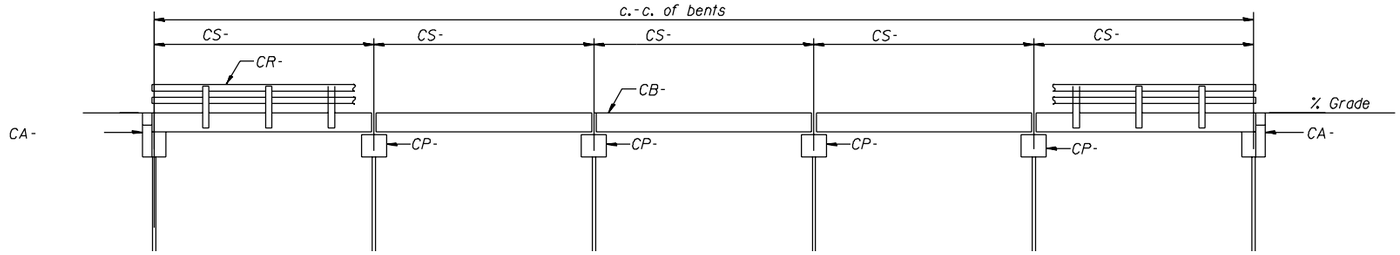
Salvage-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

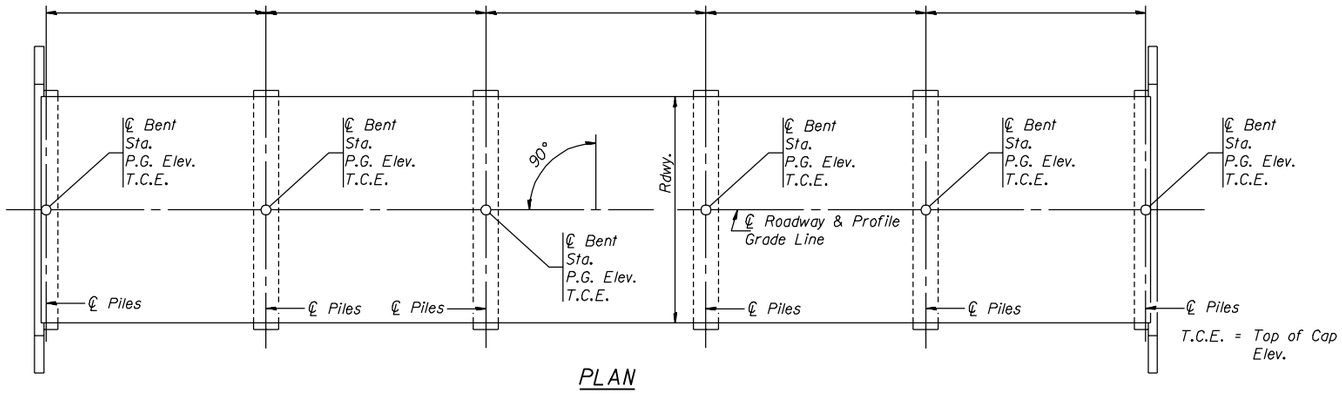
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -

- SHEETS



ELEVATION



PLAN

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (4-PIERS)

Type
Capacity Tons
Estimated Length Feet
Number Required (Includes 1 Test Pile located in Bent #)

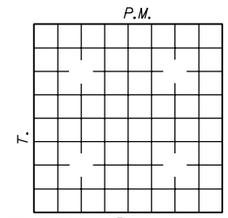
PILE DATA (2-ABUTS.)

Type
Capacity Tons
Estimated Length Feet
Number Required (Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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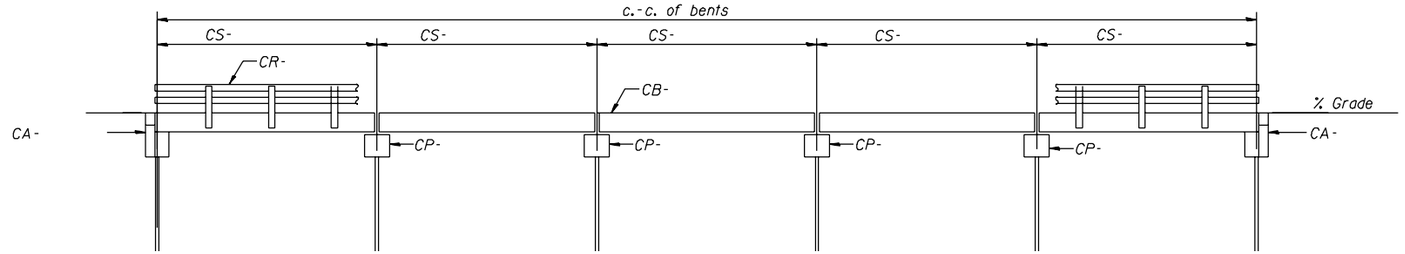
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

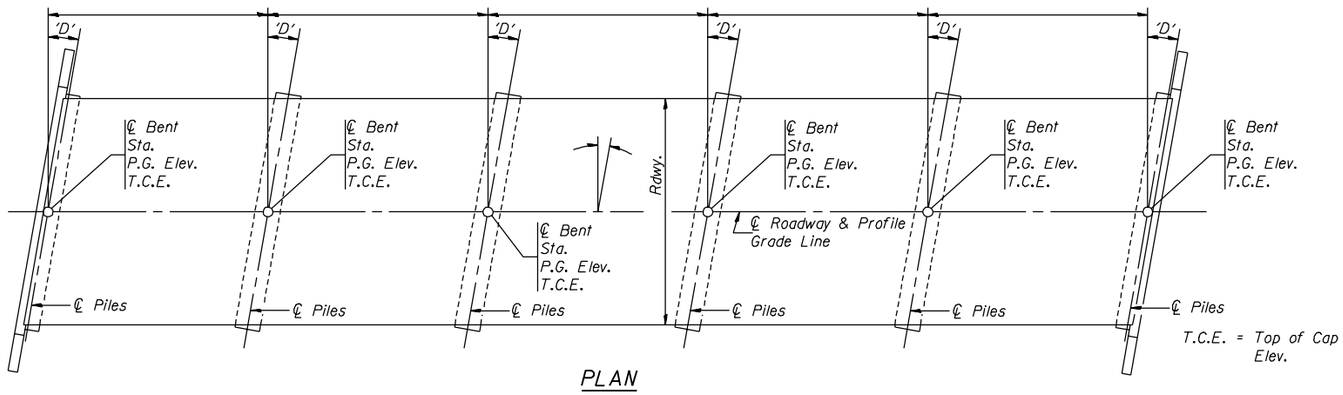
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. -

- SHEETS



ELEVATION



PLAN

Skew Angle 'D'= Left Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (4-PIERS)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #)

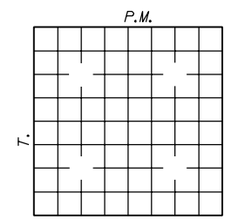
PILE DATA (2-ABUTS.)

Type	
Capacity	Tons
Estimated Length	Feet
Number Required	(Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-		
-				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. -

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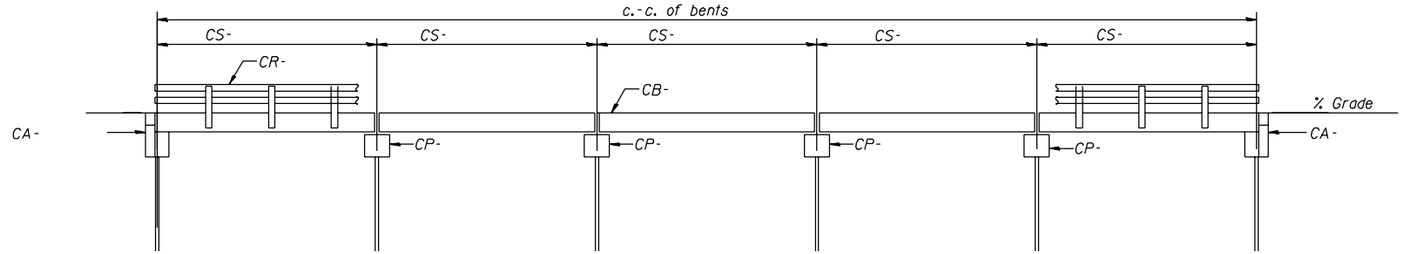
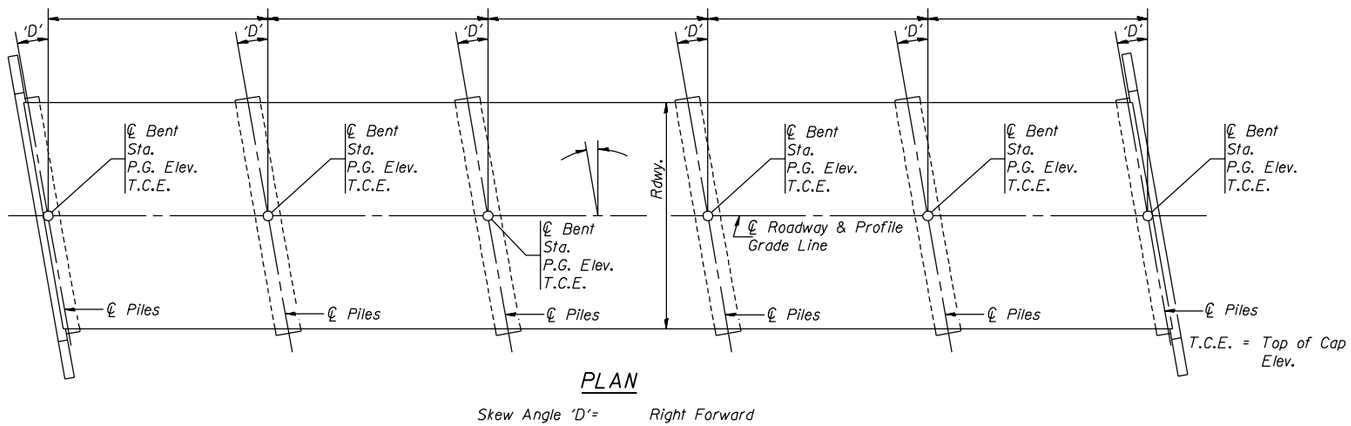
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

Skew Angle 'D'= Right Forward

GENERAL NOTES

1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
2. See Special Provisions for boring logs.
3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) =
Bedrock Acceleration Coefficient (A) =
Site Coefficient (S) =

PILE DATA (4-PIERS)

Type
Capacity Tons
Estimated Length Feet
Number Required (Includes 1 Test Pile located in Bent #)

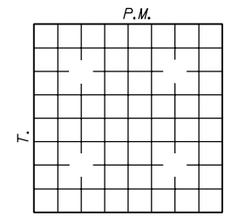
PILE DATA (2-ABUTS.)

Type
Capacity Tons
Estimated Length Feet
Number Required (Includes 1 Test Pile located in Bent #1)

STATION
CREEK
SEC. BUILT 20
ROAD DIST.
COUNTY
LOADING HS20
STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = Low Grade Elev. = @ Sta.

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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